

CODE COMPLIANCE	
2016 CALIFORNIA BUILDING CODE	
2016 CALIFORNIA RESIDENTIAL CODE	
2016 CALIFORNIA TITLE 24	
2016 CALIFORNIA FIRE CODE	
2016 CALIFORNIA ENERGY CODE	
2016 CALIFORNIA PLUMBING CODE	
2016 CALIFORNIA MECHANICAL CODE	
2016 CALIFORNIA ELECTRICAL CODE	
TIA-222-G CODE	
IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL	

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO CONSTRUCT A NEW WIRELESS COMMUNICATION FACILITY. THE SCOPE CONSISTS OF THE FOLLOWING:

- INSTALLATION OF AT&T MOBILITY TELECOMMUNICATIONS EQUIPMENT INSIDE A 20'-0" X 24'-0" CONCRETE BLOCK EQUIPMENT ENCLOSURE W/ SOUND ATTENUATION.
- INSTALLATION OF A 55'-0 MONOPINE
- INSTALLATION OF (12) ANTENNAS
- INSTALLATION OF (24) RRU's
- INSTALLATION OF (5) WCS FILTERS
- INSTALLATION OF (4) SURGE PROTECTOR IN ANTENNA LEVEL
- INSTALLATION OF (2) SURGE PROTECTOR IN EQUIPMENT AREA
- INSTALLATION OF (4) PURCELL CABINET
- INSTALLATION OF (1) POWER CABINET W/ (12) BATTERY MODULES WITHIN THE CABINET.
- INSTALLATION OF (1) CIEQA
- INSTALLATION OF (1) MAIN AC. PANEL
- INSTALLATION OF (1) LUG BOX
- INSTALLATION OF (2) UTILITY LIGHTING
- INSTALLATION OF (2) GPS ANTENNA
- INSTALLATION OF (1) STEP UP TRANSFORMER AND (1) STEP DOWN TRANSFORMER
- INSTALLATION OF TELCO/FIBER SERVICE FROM AN EXISTING TELCO/FIBER P.O.C.
- INSTALLATION OF AN AT&T OWNED 30KW GENERATOR W/ 210 GALLON OF DIESEL TANK
- INSTALLATION OF (2) UTILITY POLES.
- INSTALLATION OF (1) METER AND (1) DISCONNECT SWITCH ON NEW H-FRAME

- INSTALLATION OF AT&T MOBILITY TELECOMMUNICATIONS EQUIPMENT INSIDE A 20'-0" X 24'-0" CONCRETE BLOCK EQUIPMENT ENCLOSURE W/ SOUND ATTENUATION.
- INSTALLATION OF A 55'-0" MONOPINE
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SITE INFORMATION	
PROPERTY OWNER:	ROBERT AND MELISSA ROLAND 24 FOREST LAKE RD. CAREYWOOD, ID 83809 (619) 468-6819
PHONE:	
APPLICANT:	AT&T WIRELESS 5738 PACIFIC CENTER BLVD. SAN DIEGO, CA 92121
APPLICANT REPRESENTATIVE:	M&M TELECOM INC. 6886 MIMOSA DRIVE CARLSBAD, CA 92011
ZONING JURISDICTION:	COUNTY OF SAN DIEGO
ZONING DISTRICT:	A-72
LATITUDE (NAD 83):	32° 42' 55.891" N
LONGITUDE (NAD 83):	116° 46' 27.226" W
PARCEL #:	599-110-47
OCCUPANCY GROUP:	UNMANNED
CONSTRUCTION TYPE:	V-B
POWER COMPANY:	SDG&E
TELEPHONE COMPANY:	AT&T
EQUIPMENT LEASE AREA:	912 SQ. FT.

OCCUPANCY GROUP:	UNMANNED
CONSTRUCTION TYPE:	V-B
POWER COMPANY:	SDG&E
TELEPHONE COMPANY:	AT&T
EQUIPMENT LEASE AREA:	912 SQ. FT.

PROJECT TEAM

<u>PROJECT MANAGER:</u> MARISA HERRERA M&M TELECOM INC. 6886 MIMOSA DRIVE CARLSBAD, CA 92011 PHONE: (760) 672-1903 EMAIL: MARISA.HERRERA@MMTELECOMINC.COM	<u>ENGINEERING:</u> TELECOM MANAGEMENT GROUP 14955 AVENIDA VENUSTO #8 SAN DIEGO, CA 92128 PHONE: (858) 248-7678 EMAIL: EDGAR.ORTIZ@TELECOMMG.COM
<u>SITE ACQUISITION:</u> LYNN SIVERTSEN M&M TELECOM INC. 6886 MIMOSA DRIVE CARLSBAD, CA 92011 PHONE: (858) 663-3593 EMAIL: LYNN.SIVERTSEN@MMTELECOMINC.COM	<u>ZONING:</u> MORGAN NORVILLE M&M TELECOM INC. 6886 MIMOSA DRIVE CARLSBAD, CA 92011 PHONE: (510) 508-9392 EMAIL: MORGAN.NORVILLE@MMTELECOMINC.COM
<u>RF ENGINEER:</u> RAVI BINDAL AT&T 5738 PACIFIC CENTER BLVD. SAN DIEGO, CA 92121 EMAIL: RJ096D@ATT.COM	<u>CONSTRUCTION:</u> PHILIP PUTCH OVERLAND CONTRACTING 10089 WILLOW CREEK ROAD, SUITE 350 SAN DIEGO, CA 92131 PHONE: (216) 965-7809 EMAIL: PUTCHP@SV.COM

<u>RF ENGINEER:</u> RAVI JINDAL AT&T 5738 PACIFIC CENTER BLVD. SAN DIEGO, CA 92121 EMAIL: RJ096D@ATT.COM	<u>CONSTRUCTION:</u> PHILIP PUTICH OVERLAND CONTRACTING 10089 WILLOW CREEK ROAD, SUITE 350 SAN DIEGO, CA 92131 PHONE: (216) 965-7809 EMAIL: PUTICHP@BV.COM
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DRIVING DIRECTIONS FROM AT&T OFFICE	
DIRECTIONS FROM AT&T OFFICE:	
GET ON I-805 S FROM LUSK BLVD AND MIRA MESA BLVD. HEAD SOUTHWEST ON PACIFIC CENTER BLVD TOWARD MCKELLAR CT. TURN LEFT ONTO LUSK BLVD. TURN RIGHT ONTO MIRA MESA BLVD. CONTINUE ONTO SORRENTO VALLEY RD. SLIGHT RIGHT ONTO THE INTERSTATE 805 S RAMP. MAY BE CLOSED AT CERTAIN TIMES OR DAYS. FOLLOW I-805 S AND CA-94 E TO CAMPO RD. MERGE ONTO I-805 S. TAKE EXIT 13A FOR CA-94 E/M L KING JR FWY. MERGE ONTO CA-94 E. KEEP RIGHT TO STAY ON CA-94 E, FOLLOW SIGNS FOR LA MESA/SPRING ST. CONTINUE ON CAMPO RD TO YOUR DESTINATION. TURN RIGHT ONTO CAMPO RD. TURN LEFT ONTO LYONS VALLEY RD. CONTINUE STRAIGHT ONTO SKYLINE TRUCK TRAIL. TURN RIGHT ONTO LYONS VALLEY RD. TURN RIGHT.	

GET ON I-805 S FROM LUSK BLVD AND MIRA MESA BLVD. HEAD SOUTHWEST ON PACIFIC CENTER BLVD TOWARD MCKELLAR CT. TURN LEFT ONTO LUSK BLVD. TURN RIGHT ONTO MIRA MESA BLVD. CONTINUE ONTO SORRENTO VALLEY RD. SLIGHT RIGHT ONTO THE INTERSTATE 805 S RAMP. MAY BE CLOSED AT CERTAIN TIMES OR DAYS. FOLLOW I-805 S AND CA-94 E TO CAMPO RD. MERGE ONTO I-805 S. TAKE EXIT 13A FOR CA-94 E/M I. KING JR FWY. MERGE ONTO CA-94 E. KEEP RIGHT TO STAY ON CA-94 E. FOLLOW SIGNS FOR LA MESA/SPRING ST. CONTINUE ON CAMPO RD TO YOUR DESTINATION. TURN RIGHT ONTO CAMPO RD. TURN LEFT ONTO LYONS VALLEY RD. CONTINUE STRAIGHT ONTO SKYLINE TRUCK TRAIL. TURN RIGHT ONTO LYONS VALLEY RD. TURN RIGHT.

GENERAL NOTES	
<p>THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS (P).</p>	

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR SITE MODIFICATIONS.

AT&T RF ENGINEER:	_____	DATE:	_____
AT&T CONSTRUCTION:	_____	DATE:	_____
AT&T PROJECT MGR.:	_____	DATE:	_____
CIVIL VENDOR:	_____	DATE:	_____
PLANNER:	_____	DATE:	_____
SITE ACQUISITION:	_____	DATE:	_____
SITE OWNER:	_____	DATE:	_____

SITE OWNER: _____ DATE: _____

[illegible][illegible]

at&t
5738 PACIFIC
CENTER BLVD.
SAN DIEGO, CA 92121

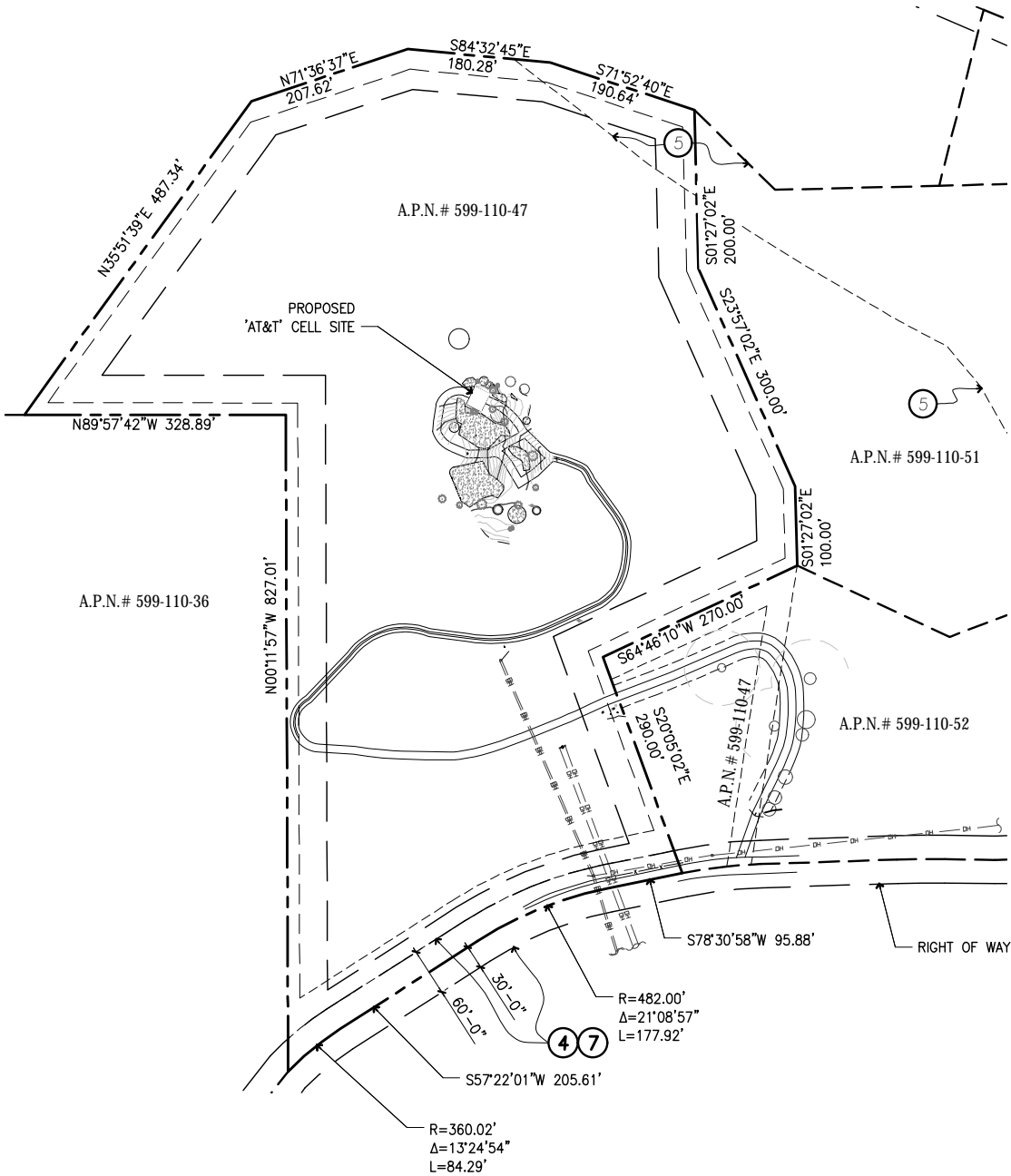


**SD0701
JAMUL
17348 LYONS VALLEY ROAD
JAMUL, CA 91935
NEW SITE BUILD**



Project Number:	
Drawn by:	ERO/RP
Checked by:	ERO
Sheet No:	T1

NOTE:
ALL EXISTING STRUCTURES AND
NON-OPERATIONAL VEHICLES WILL
BE REMOVED PRIOR TO OCCUPANCY.



PROPERTY SETBACKS	
FRONT	60'-0"
SIDE INTERIOR	15'-0"
EXTERIOR SIDE	35'-0"
REAR YARD SETBACK	25'-0"
TELECOMMUNICATION SET BACK	50'-0"

TITLE REPORT

PREPARED BY: COMMONWEALTH LAND TITLE COMPANY

ORDER NO.: 09200880-920-CMM-CM8

DATED: APRIL 20, 2016

EASEMENT

④ AN EASEMENT FOR PUBLIC ROAD PURPOSES; RECORDED SEPTEMBER 27, 1976 AS INSTRUMENT NO. 76-316191 OF OFFICIAL RECORDS. (PLOTTED HEREON)

⑤ THE FACT THAT A PORTION OF SAID LAND IS SUBJECT TO INUNDATION BY THE 100 YEAR FLOOD. (APPROXIMATE LOCATION - PLOTTED HEREON)

⑦ EASEMENTS AND RIGHTS OF WAY FOR ROAD AND PUBLIC UTILITIES, AND APPURTENANCES THERETO, AS RESERVED AND CONVEYED BY VARIOUS DEEDS OF RECORD. (PLOTTED HEREON)



5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date:

5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121

BOUNDARY SITE PLAN

SD0701
JAMUL
17348 LYONS VALLEY ROAD
JAMUL, CA 91935
NEW SITE BUILD

STUDIOS DARE RIGHT

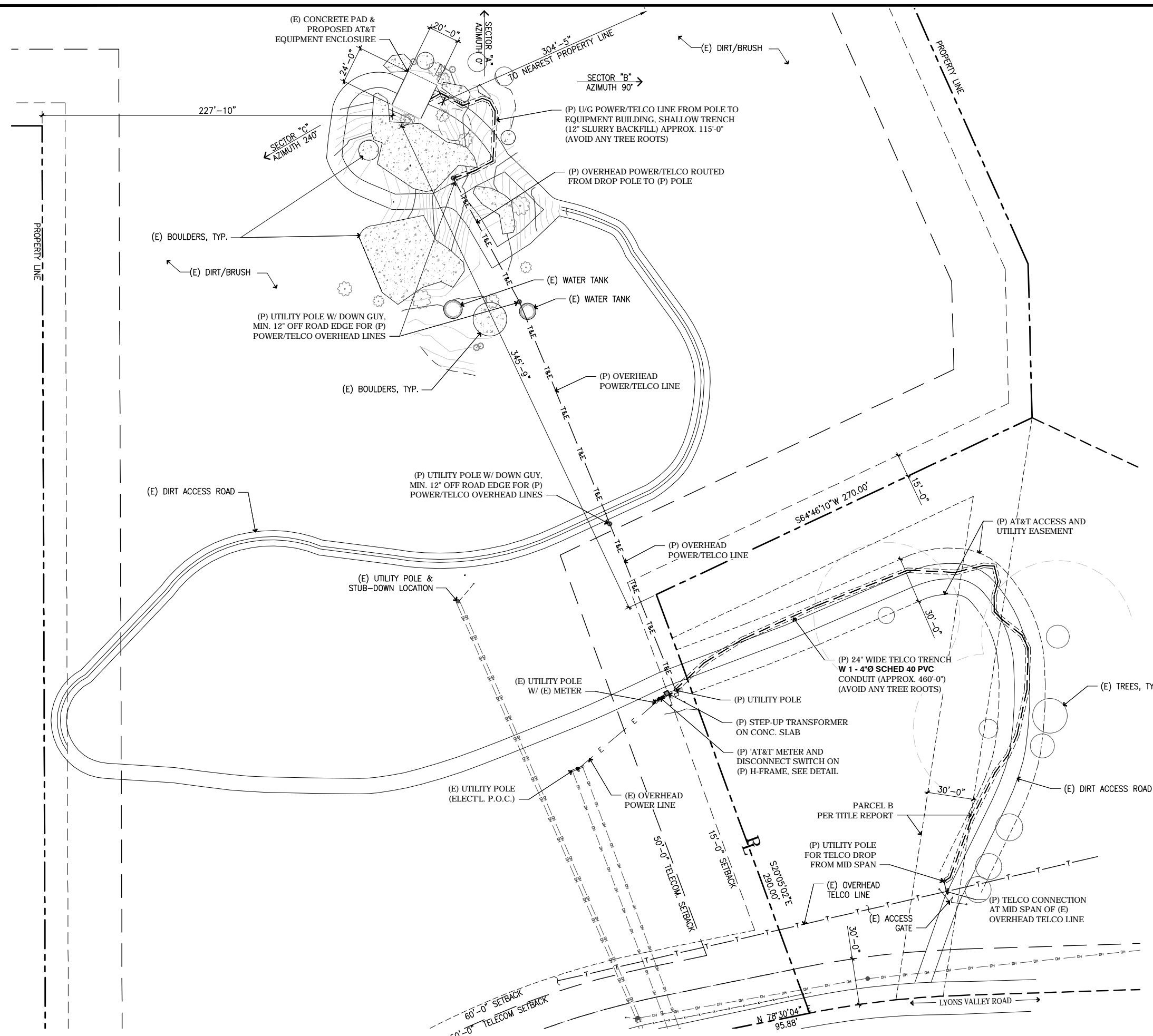
NOT FOR CONSTRUCTION

Project Number:

Drawn by:
ERO/RP

Checked by:
ERO

Sheet No:
Z1



5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date:

5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121

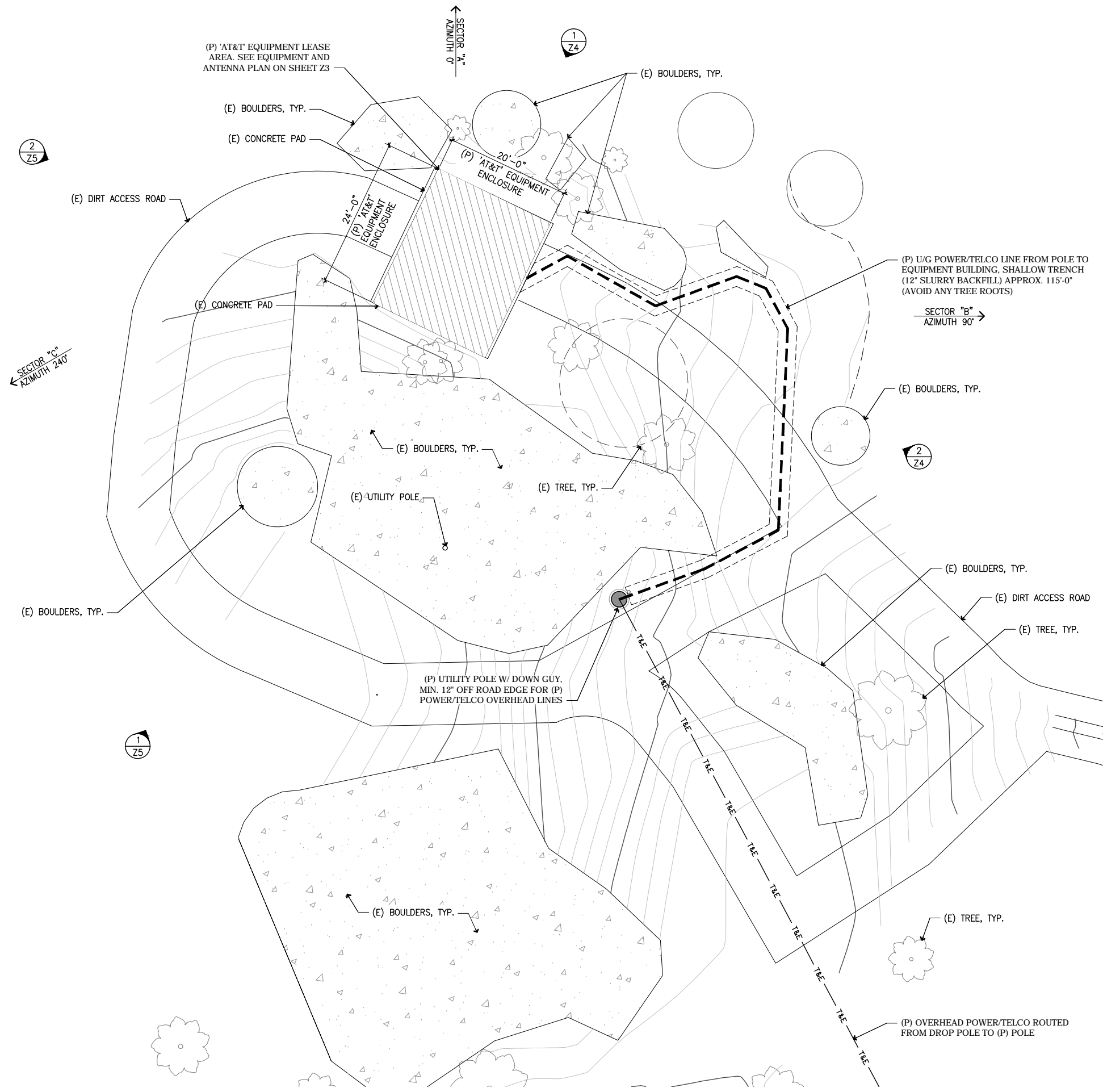
SITE PLAN

SD0701
JAMUL
17348 LYONS VALLEY ROAD
JAMUL, CA 91935
NEW SITE BUILD

Stallins Darr Right

NOT FOR CONSTRUCTION

Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No:
Z1.1



5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date

5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121

ENLARGED SITE PLAN

SD0701
JAMUL
17348 LYONS VALLEY ROAD
JAMUL, CA 91935
NEW SITE BUILD

STUDIOS DARE RIGHT


NOT FOR CONSTRUCTION

Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No:
Z2

BMP LEGEND:

DIRECTION OF LOT DRAINAGE → → →

TEMPORARY RUNOFF CONTROL BMP:

SS-4	HYDROSEEDING (SUMMER) ~TSP~TSP~
SS-7	PHYSICAL STABILIZATION (WINTER) ~EBM~EBM~
SC-5	FIBER ROLLS ~FR~FR~
SC-6	GRAVEL OR SAND BAGS ∞∞∞
SC-8	GRAVEL OR SAND BAGS ∞∞∞
TC-1	STABILIZED CONSTRUCTION ENTRANCE 

MATERIALS & WASTE MANAGEMENT CONTROL BMP's

WM-1	MATERIAL DELIVERY & STORAGE
WM-4	SPILL PREVENTION & CONTROL
WM-5	SOLID WASTE MANAGEMENT
WM-8	CONCRETE WASTE MANAGEMENT
WM-9	SANITARY WASTE MANAGEMENT

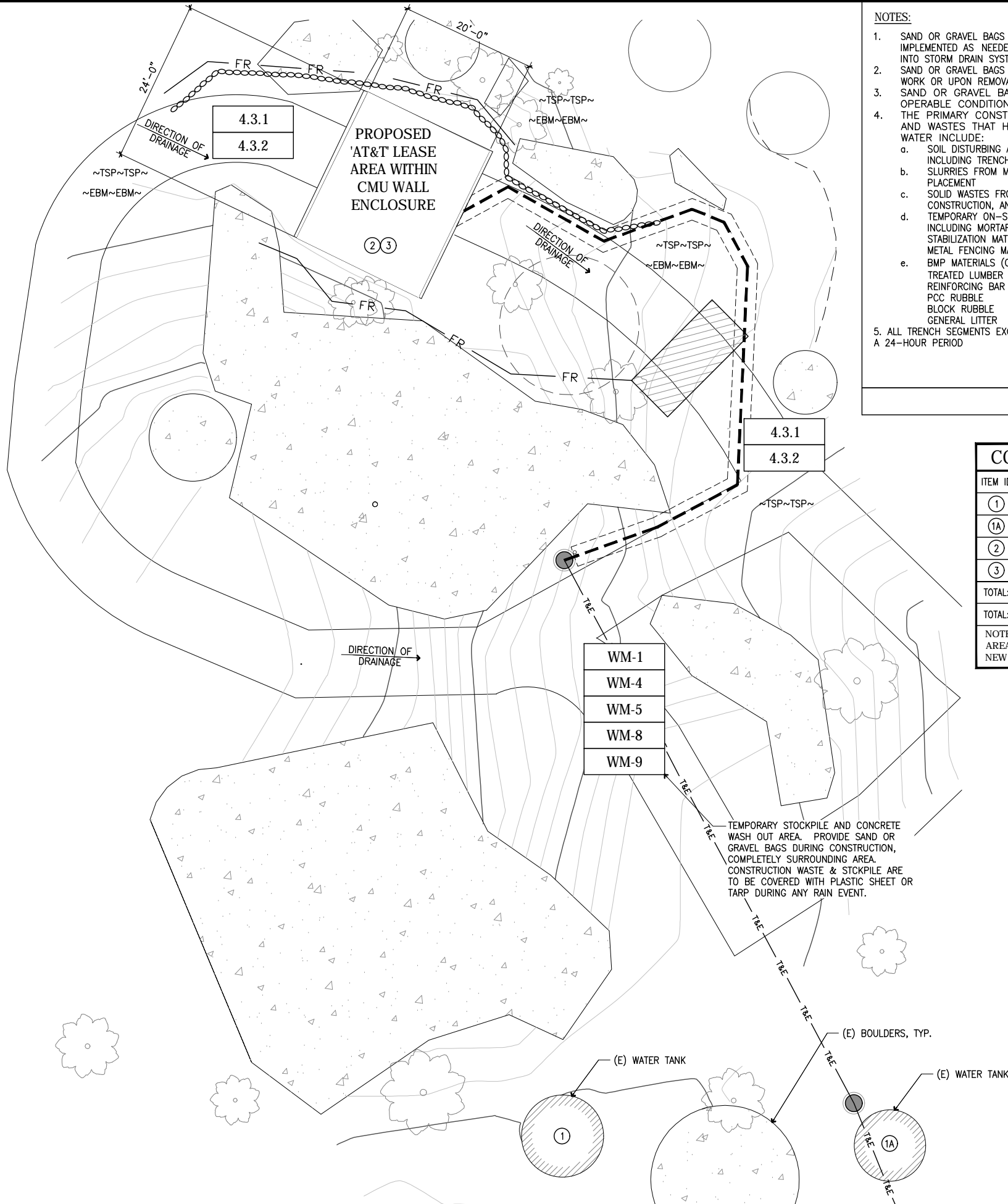
POST CONSTRUCTION SITE DESIGN BMP's:

4.3.1	MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES
4.3.2	CONSERVE NATURAL AREAS, SOILS, AND VEGETATION

STORM WATER QUALITY NOTES CONSTRUCTION BMPs

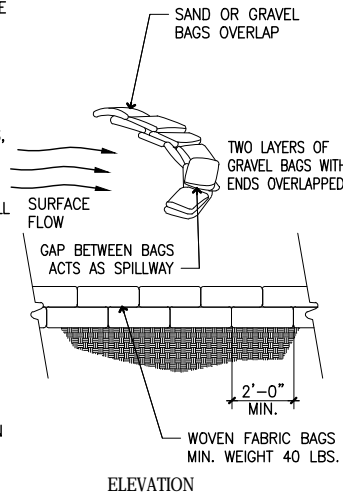
NOTES 1-7 BELOW REPRESENT KEY MINIMUM REQUIREMENTS FOR CONSTRUCTION BMPs.

1. THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE STATE PERMIT; CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD AND THE COUNTY OF SAN DIEGO LAND DEVELOPMENT CODE.
2. SUFFICIENT BMPs MUST BE INSTALLED TO PREVENT SILT, MUD OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH WORK DAY OR AFTER A STORM EVENT THAT CAUSES A BREACH IN THE INSTALLED CONSTRUCTION BMPs.
3. ALL STOCK PILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD GREATER THAN SEVEN CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS. SUCH SOIL MUST BE PROTECTED EACH DAY WHEN THE PROBABILITY OF RAIN IS 40% OR GREATER.
4. A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE.
5. ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN WORKING ORDER AT ALL TIMES.
6. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
7. THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.



NOTES:

1. SAND OR GRAVEL BAGS AS SHOWN ON SITE PLAN SHALL BE IMPLEMENTED AS NEEDED TO PREVENT SEDIMENT FROM ENTERING INTO STORM DRAIN SYSTEM.
2. SAND OR GRAVEL BAGS ARE TO BE INSTALLED PRIOR TO START OF SITE WORK OR UPON REMOVAL OF EXISTING SITE PAVING.
3. SAND OR GRAVEL BAGS ARE TO BE MAINTAINED AND IN OPERABLE CONDITION AND SHALL BE REPLACED IF DAMAGED.
4. THE PRIMARY CONSTRUCTION ACTIVITIES, RELATED MATERIALS, AND WASTES THAT HAVE THE POTENTIAL TO POLLUTE STORM WATER INCLUDE:
 - a. SOIL DISTURBING ACTIVITIES AND RESULTING EXPOSED SOIL AREAS, INCLUDING TRENCHING FOR CONDUITS AND CMU WALL FOOTINGS
 - b. SLURRIES FROM MORTAR MIXING AND PCC SAW-CUTTING AND PLACEMENT
 - c. SOLID WASTES FROM PCC DEMOLITION AND REMOVAL, SOUND-WALL CONSTRUCTION, AND FORM WORK
 - d. TEMPORARY ON-SITE STORAGE OF CONSTRUCTION MATERIALS, INCLUDING MORTAR MIX, RAW LANDSCAPING AND SOIL STABILIZATION MATERIAL, TREATED LUMBER, REBAR AND PLATED METAL FENCING MATERIALS
 - e. BMP MATERIALS (GRAVEL BAGS, LIQUID COPOLYMER) TREATED LUMBER (MATERIALS AND WASTES) REINFORCING BAR PCC RUBBLE BLOCK RUBBLE GENERAL LITTER
5. ALL TRENCH SEGMENTS EXCAVATED SHALL BE FILLED AND COVERED WITHIN A 24-HOUR PERIOD



GRAVEL OR SAND BAGS NTS 1

CONSTRUCTED IMPERVIOUS SURFACE AREA TABLE

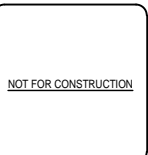
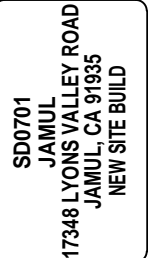
ITEM ID	IMPERVIOUS ITEM	(N) AREA (sf)	(E) AREA (sf)
①	(E) WATER TANK	-	116
①A	(E) WATER TANK	-	87
②	(E) CONCRETE PAD - TO BE DEMOLISHED	-	(508)
③	(N) AT&T EQUIPMENT ENCLOSURE	-	480
TOTAL:		0 sf	
TOTAL:			683 sf

NOTE: NEW AT&T EQUIPMENT ENCLOSURE OF 480 SQ. FT. WILL BE BUILT ON THE AREA OF EXISTING CONCRETE PAD OF 508 SQ. FT. THAT IS TO BE DEMOLISHED. NO NEW IMPERVIOUS SURFACE WILL BE CONSTRUCTED.

PROPOSED LAND DISTURBANCE:

(N) AT&T EQUIPMENT ENCLOSURE BUILT OVER DEMOLISHED (E) CONCRETE PAD	= 508 SQ. FT.
TRENCHING:	
UTILITY (NORTH) (U/G PERVIOUS SURFACE)	= 327 SQ. FT.
UTILITY (SOUTH) (U/G PERVIOUS SURFACE)	= 1364 SQ. FT.
CABLE (U/G PERVIOUS SURFACE)	= 25 SQ. FT.
TOTAL AREA:	= 2224 SQ. FT.

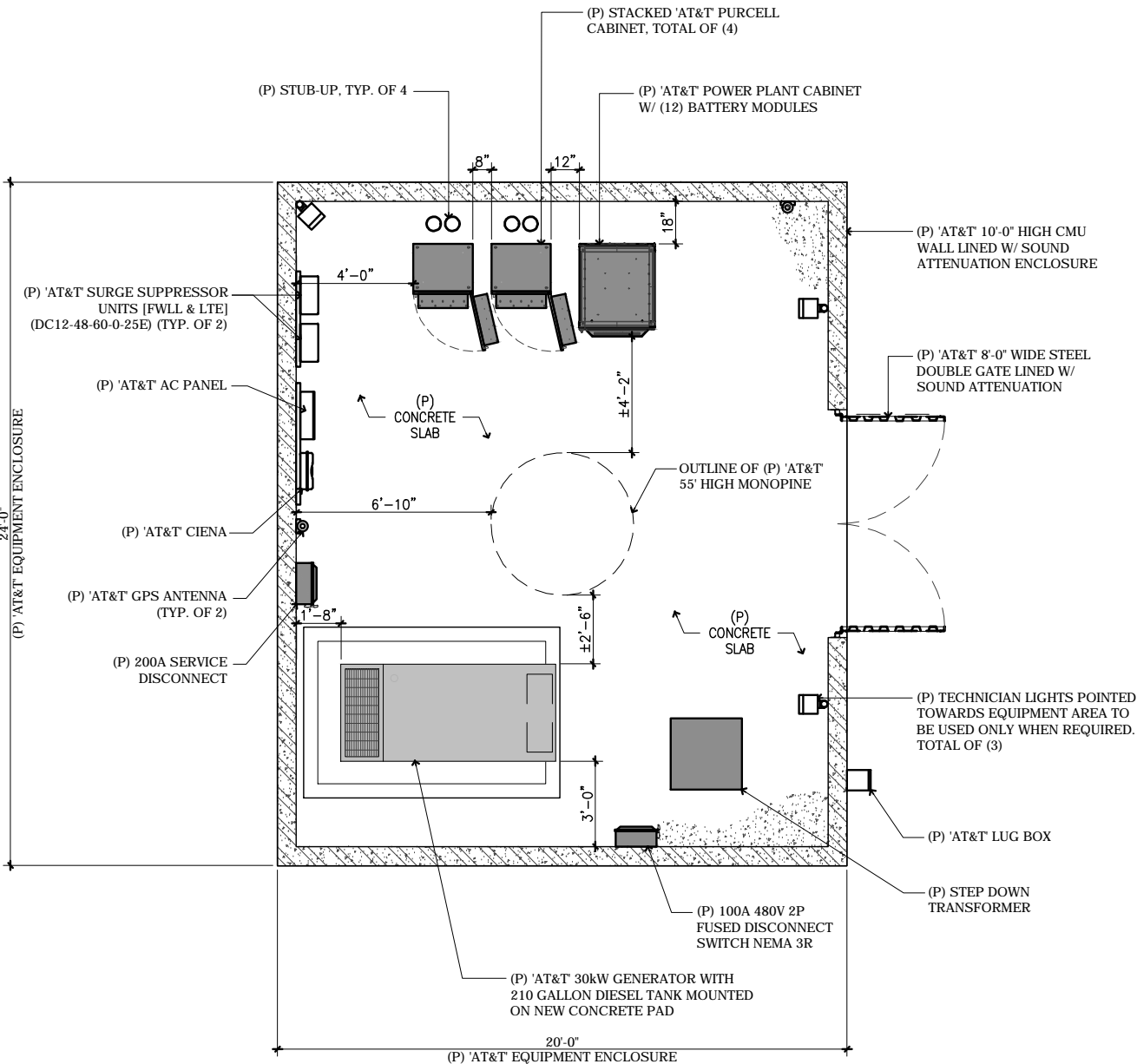
5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
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1	100% ZD	08-17-16
Rev.	Description	Date:



Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No: Z2.1

NOTES:

- THE PROPOSED EMERGENCY BACK-UP GENERATOR MAY ONLY BE TESTED UP TO ONCE PER WEEK, FOR A PERIOD OF 15 MINUTES DURING NORMAL BUSINESS HOURS, FROM 7AM TO 6PM, MONDAY THROUGH FRIDAY.
- SITE LIGHTING SHALL BE KEPT TO A MINIMUM IN EVERY INSTANCE. SHALL BE SHIELDED TO DIRECT LIGHT DOWNWARD. SHALL BE CONTROLLED BY A MANUAL SWITCH OR TIMED SWITCH OF NO GREATER THAN ONE HOUR'S DURATION, AND SHALL NOT BE USED EXCEPT WHEN NIGHTTIME MAINTENANCE IS NECESSARY.
- ENTIRE EQUIPMENT ENCLOSURE TO BE PAINTED TO MATCH EXITING BOULDERS.

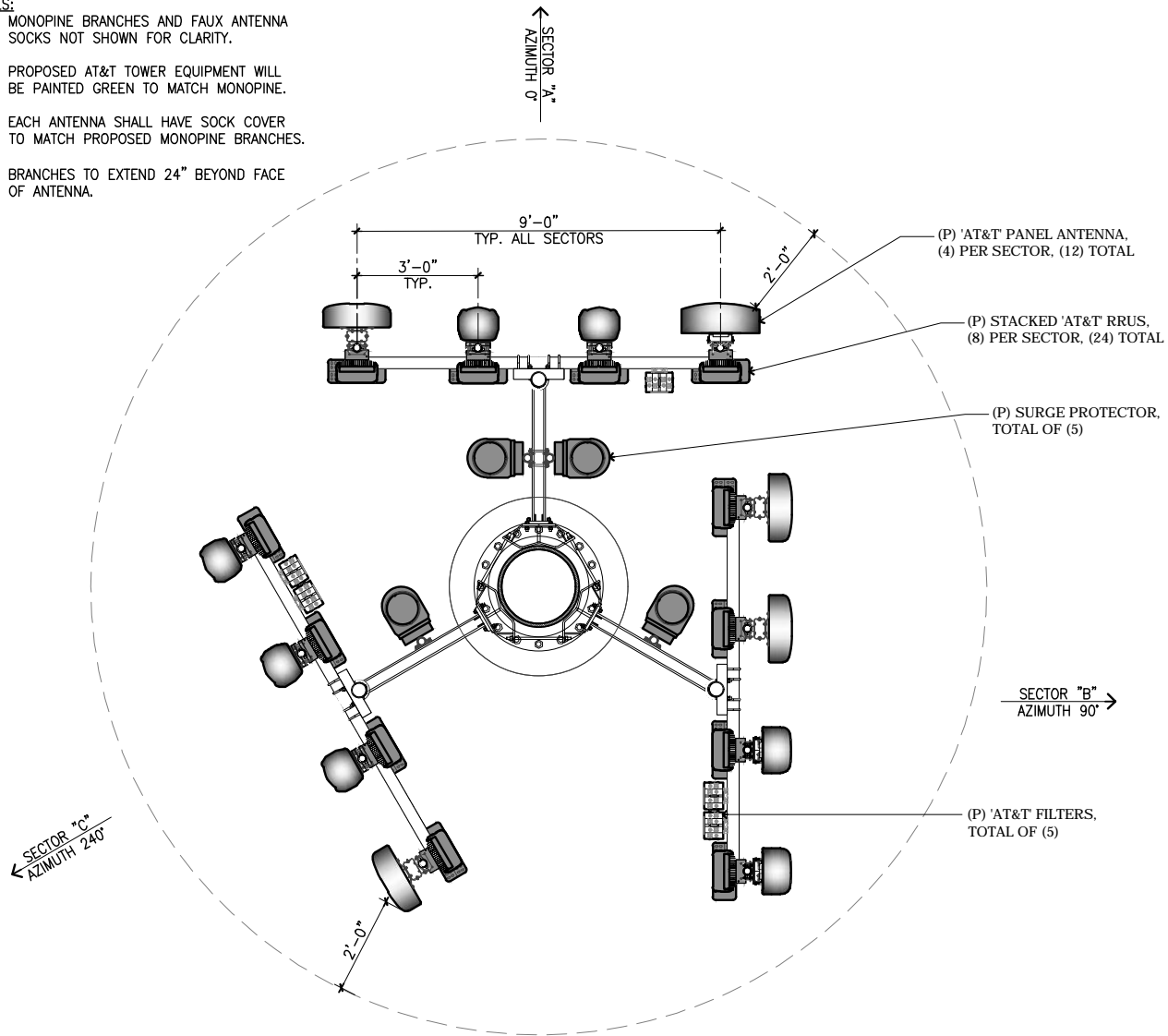


NEW ANTENNA / RRU SCHEDULE

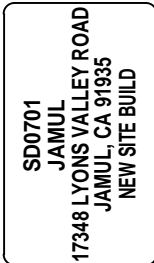
SECTOR	TECHNOLOGY	ANTENNA				RRU MODEL / QTY.	SURGE PROTECTOR MODEL / QTY.	TMA / FILTER MODEL / QTY.	TRANSMISSION LINES FIBER / POWER (LENGTH FT +/- 5)
		MAKE / MODEL	AZIMUTH	RAD CENTER	TIP HEIGHT				
ALPHA SECTOR	A1	CCI HPA-33R-BUU-H6	0°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)	DC6-48-60-18-8F (4)	WCS-IMFQ-AMT-43 (1)	FIBER 75±
	A2	QUINTEL QS6658-3e	0°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
	A3	QUINTEL QS6658-3e	0°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
	A4	KATHREIN 80010991K	0°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
BETA SECTOR	B1	CCI HBSA-M65R-KU-H6	90°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		WCS-IMFQ-AMT-43 (1)	FIBER 75±
	B2	CCI HBSA-M65R-KU-H6	90°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		WCS-IMFQ-AMT-43 (1)	FIBER 75±
	B3	KATHREIN 80010991K	90°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
	B4	KATHREIN 80010991K	90°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
GAMMA SECTOR	C1	QUINTEL QS6658-3e	240°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		WCS-IMFQ-AMT-43 (1)	FIBER 75±
	C2	QUINTEL QS6658-3e	240°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		WCS-IMFQ-AMT-43 (1)	FIBER 75±
	C3	QUINTEL QS6658-3e	240°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±
	C4	KATHREIN 80010991K	240°	47'-0"	50'-0"	RRU-11 (1) / RRU-32 (1)		-	FIBER 75±

NOTES:

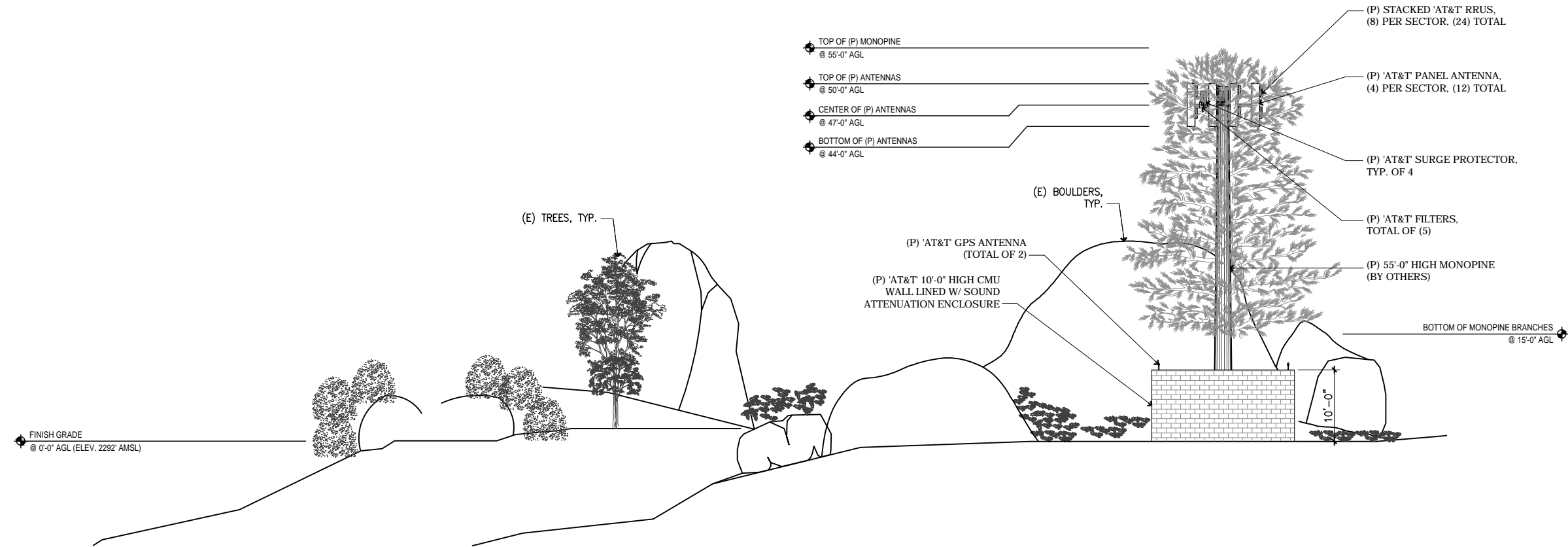
- MONOPINE BRANCHES AND FAUX ANTENNA SOCKS NOT SHOWN FOR CLARITY.
- PROPOSED AT&T TOWER EQUIPMENT WILL BE PAINTED GREEN TO MATCH MONOPINE.
- EACH ANTENNA SHALL HAVE SOCK COVER TO MATCH PROPOSED MONOPINE BRANCHES.
- BRANCHES TO EXTEND 24" BEYOND FACE OF ANTENNA.



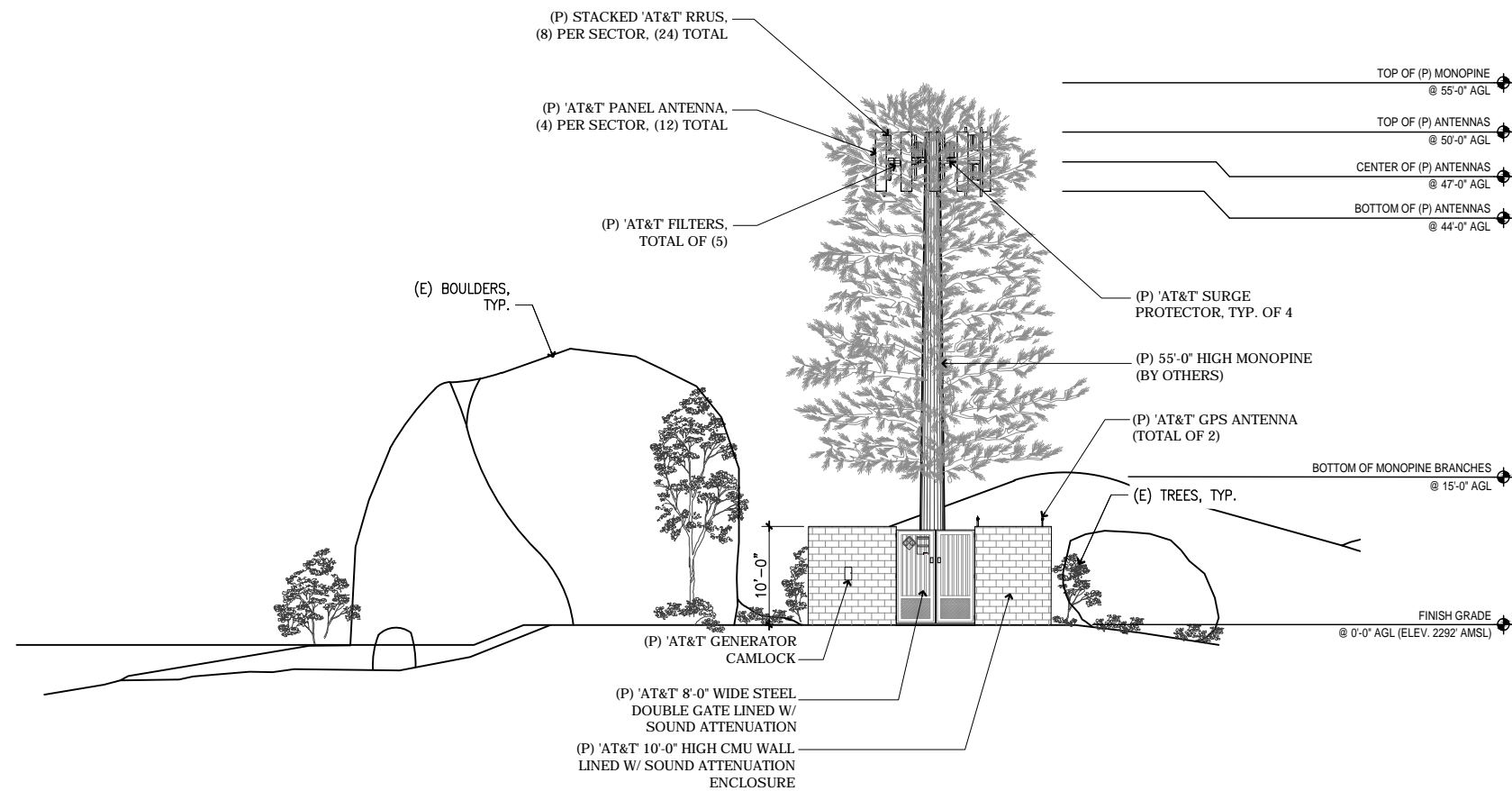
5	100% ZD REVISED UTILITY DESIGN	01-27-18
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Rev.	Description	Date:



Project Number:	
Drawn by:	ERO/RP
Checked by:	ERO
Sheet No:	Z3

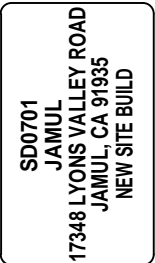


(P) NORTH ELEVATION 1/8" = 1'-0" 1

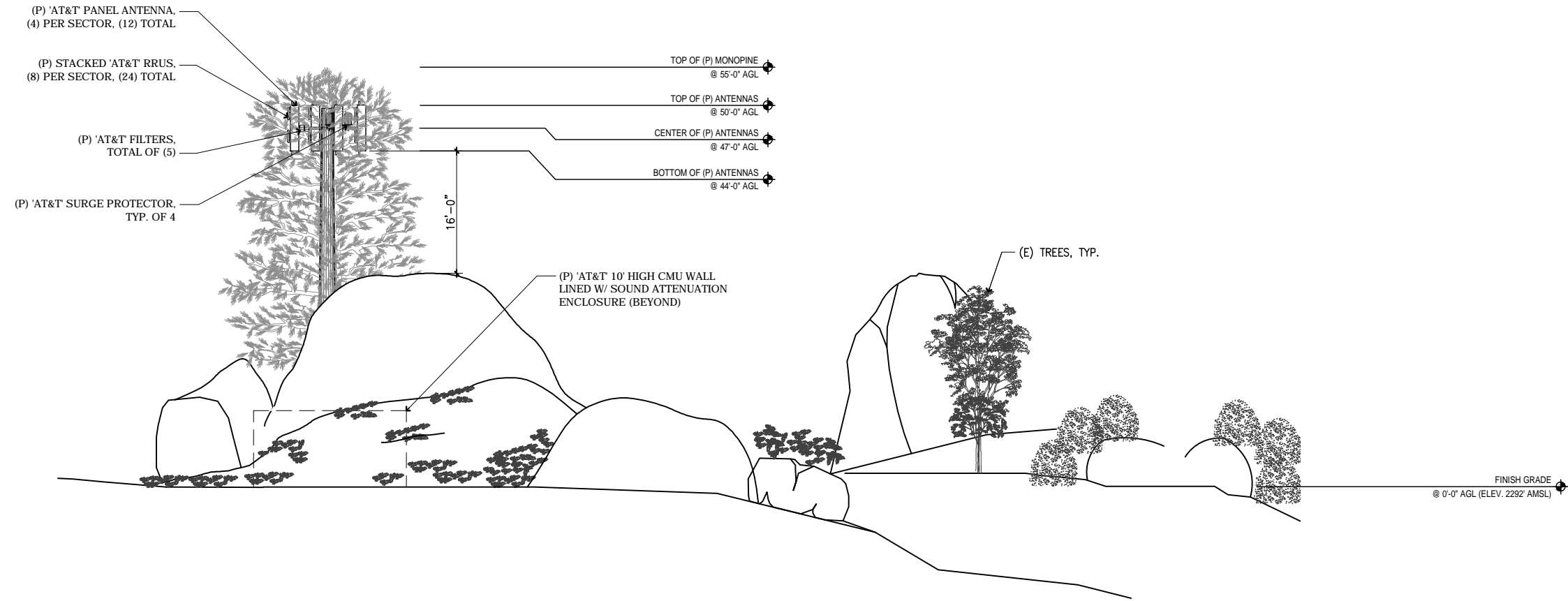


(P) EAST ELEVATION 1/8" = 1'-0" 2

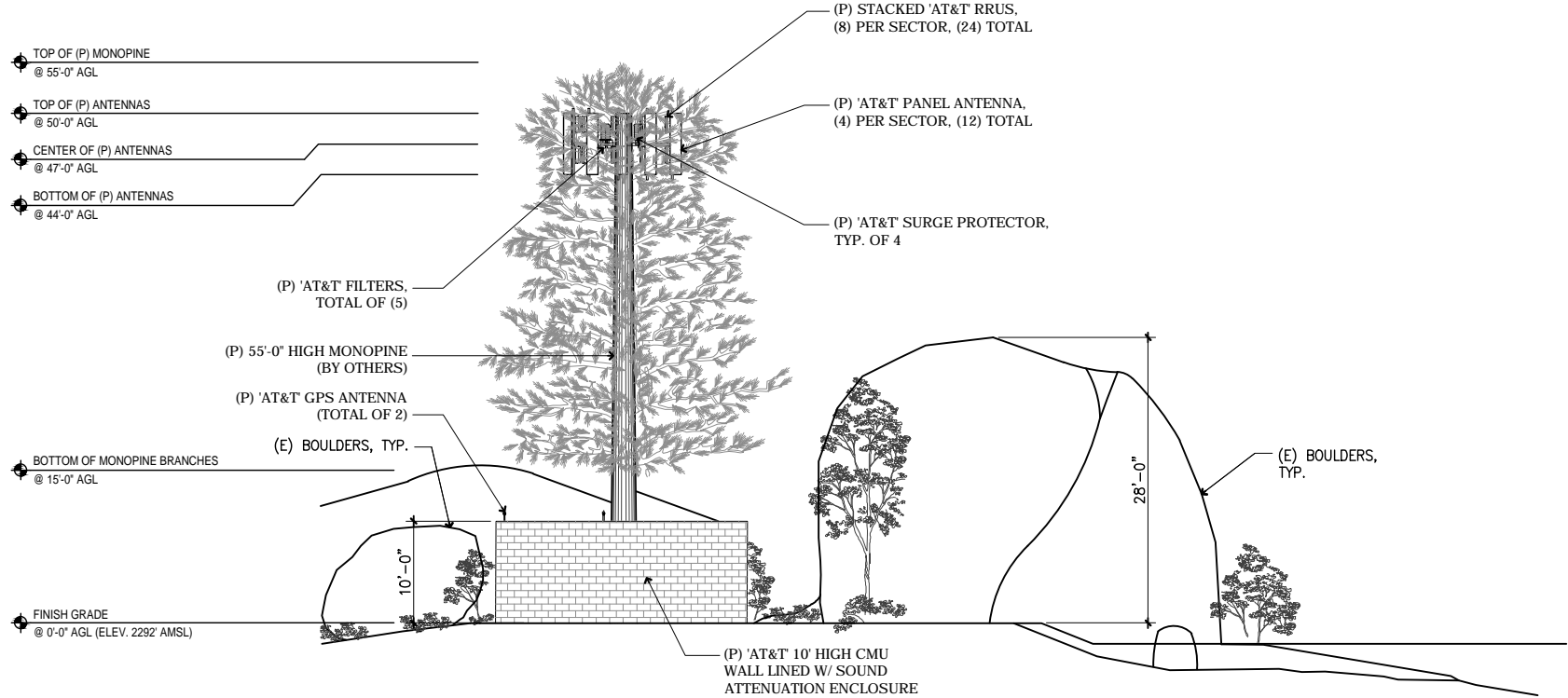
5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date:



Project Number:	
Drawn by:	ERO/RP
Checked by:	ERO
Sheet No:	Z4



(P) SOUTH ELEVATION 1/8" = 1'-0" 1



(P) WEST ELEVATION 1/8" = 1'-0" 2

5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date:

5738 PACIFIC CENTER BLVD.
SAN DIEGO, CA 92121

TELECOM

SD0701
JAMUL
17348 LYONS VALLEY ROAD
JAMUL, CA 91935
NEW SITE BUILD

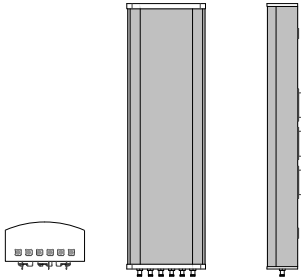
TELECOM
MANAGEMENT GROUP
Sustains Your Right

NOT FOR CONSTRUCTION

Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No:
Z5

CCI HPA-33R-BUU-H6

DIMENSIONS (LxWxD) 72.5X23.1X8.8 IN (1841X587X224 MM)
SURVIVAL WIND SPEED > 125 MPH (> 201 km/h)
FRONT WIND LOAD 366 LBS @ 100 MPH
SIDE WIND LOAD 164 LBS @ 100 MPH
WEIGHT 66.6 LBS (30.2 KG)
RET SYSTEM WEIGHT 5.0 LBS (2.3 KG)
CONNECTOR 6 x 7-16 DIN FEMALE LONG NECK
MOUNTING POLE 2 TO 5 IN (5 TO 12 CM)



QUINTEL QS6658-3e

DIMENSIONS, WxDxH: 304 x 245 x 1320 mm (12" x 9.6" x 72")
WEIGHT 35.3 kg. (78 lbs.)
NO. OF CONNECTORS: 8x 7/16 DIN FEMALE LONG NECK
MAX. WIND SPEED: 67 m/s (150 mph)
WIND LOAD @ 160km/h: FRONT 285N (64 lbs.)
SIDE 536 N (120.4 lbs.)
OPERATING TEMP.: -40°C to +65°C



Outdoor NetSure 512 DC Power System

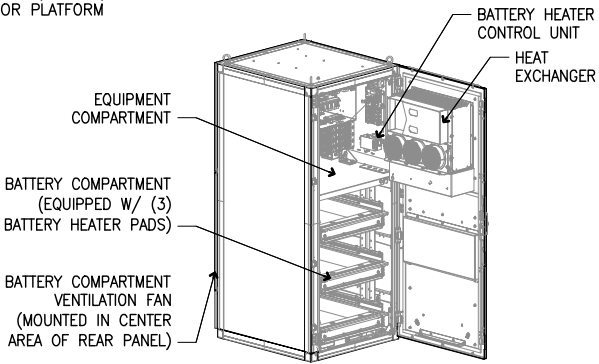
THE NETXTEND™ FLEX SERIES -48VDC/+24VDC POWER/BATTERY ENCLOSURE

TECHNICAL SPECIFICATIONS (NEQ.15917 / F2012504, NEQ.15999 / F1010599)
BATTERY: VRLA GNB, UP TO 180 AH (OR EQUIVALENT)
SAFT Ni-Cad, UP TO 180 AH (OR EQUIVALENT)
1830.3x808x991.1mm (72.06"x31.81"x39.02")
1829x762x762mm (72"x30"x30")
1829x762x960mm (72"x30"x37.8")
690 LB (314 KG) WITHOUT BATTERIES AND RECTIFIERS
2300 LB (1040 KG) WITH FULL COMPLEMENT OF GNB BATTERIES;
1800 LB (820 KG) WITH FULL COMPLEMENT OF SAFT BATTERIES;
PAD OR PLATFORM

DIMENSIONS, HxWxD: 1829x762x960mm (72"x30"x37.8")
FOOTPRINT: 1829x762x960mm (72"x30"x37.8")
ENCLOSURE: 690 LB (314 KG) WITHOUT BATTERIES AND RECTIFIERS
WEIGHT: 2300 LB (1040 KG) WITH FULL COMPLEMENT OF GNB BATTERIES;
1800 LB (820 KG) WITH FULL COMPLEMENT OF SAFT BATTERIES;
PAD OR PLATFORM

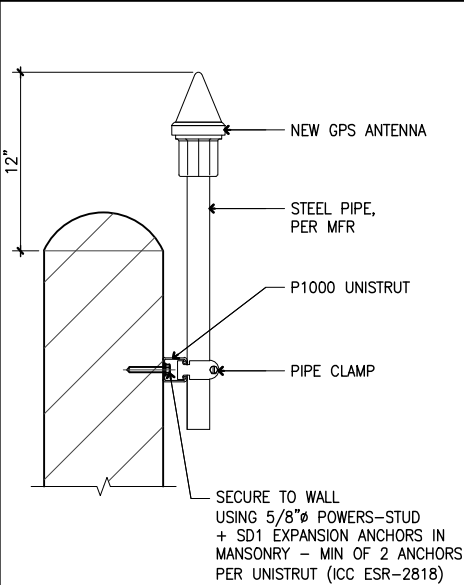
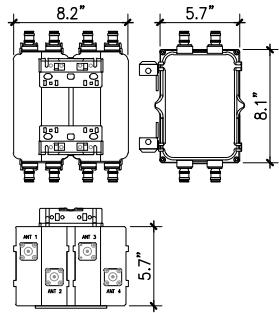
BATTERY HEATER CONTROL UNIT
HEAT EXCHANGER

EQUIPMENT COMPARTMENT
BATTERY COMPARTMENT (EQUIPPED W/ (3) BATTERY HEATER PADS)
BATTERY COMPARTMENT VENTILATION FAN (MOUNTED IN CENTER AREA OF REAR PANEL)



**QUAD WCS IMF FOR 2360-2395 MHZ
AMT BAND CO-LOCATION**

MODEL NUMBER: WCS-IMFQ-AMT-43
PART NUMBER: E15V87P73
DIMENSIONS, HxDxW: 206x144x209 mm (8.1x 5.7 x 8.2 in)
WEIGHT: W/O MOUNTING 8 kg (17.6 lbs)
W/ MOUNTING 9.3 kg (20.4 lbs)
FINISH: GRAY PAINT
CONNECTORS, RF: 4.3-10 FEMALE
GROUND TERMINAL DIAMETER, MM (IN) 5 (0.20)



(P) ANTENNA SPECIFICATIONS NTS 1

(P) ANTENNA SPECIFICATIONS NTS 2

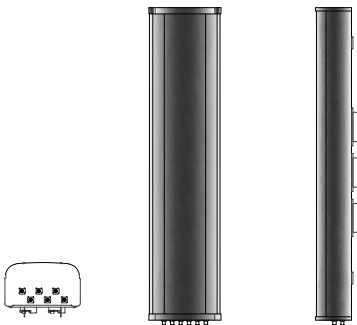
(P) POWER CABINET SPECIFICATIONS NTS 7

(P) WCS FILTER SPECIFICATIONS NTS 10

(P) GPS ANTENNA NTS 11

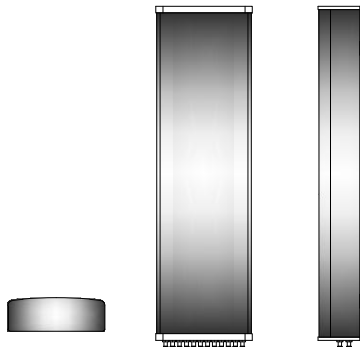
CCI HBSA-M65R-KU-H6

DIMENSIONS (LxWxD) 68.1X13.7X8.5 IN (1730x348x216 MM)
FRONT WIND LOAD 217 LBS @ 100 MPH
SIDE WIND LOAD 147 LBS @ 100 MPH
WEIGHT 44.5 LBS (20.2 KG)
CONNECTOR 6 X 7-16 DIN FEMALE LONG NECK



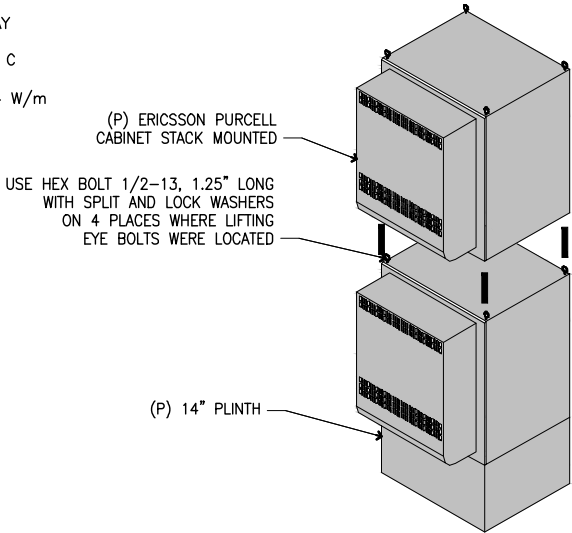
KATHREIN 80010991K

DIMENSIONS, LxWxD: 1999 x 508 x 175mm (78.7" x 20" x 6.9")
WEIGHT (W/OUT CLAMP): 45.8 kg. (100.9 lbs)
CONNECTOR: 12 x 4.3-10 FEMALE



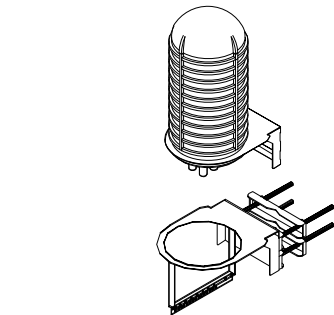
ERICSSON LTE CABINET

DIMENSIONS, WxDxH: 635x508x762mm (25"x20"x30")
COLOR: GRAY
MAXIMUM TEMPERATURE: 46° C
SOLAR LOAD: 754 W/m



RAYCAP DC6-48-60-18-8F

DIMENSIONS, WxDxH: 280x470x794mm (11"x18.5"x31.25")
NOMINAL OPERATING VOLTAGE: 48 VDC
NOM. DISCHARGE CURRENT: 20 kA 8/20as
MAX. DISCHARGE CURRENT: 60 kA 8/20as
MAX. CONTINUOUS OPERATING VOLTAGE: 75 VDC
VOLTAGE PROTECTION RATING: 400 V
WIND LOADING: 150 MPH SUSTAINED (105.7 lbs)
195 MPH GUST (213.6 lbs)
32.8 lbs



DC12-48-60-0-25E

DIMENSIONS, WxDxH: 18.17"x6.37"x20.06"
WEIGHT: 56.3 lbs
CONN. TERMINAL METHOD: COMPRESSION LUG
CONN. TERMINAL HARDWIRED: COPPER #14 TO 2# AWG (2.5 TO 35MM²)
ALUMINUM #12 TO 2# AWG (4 TO 35MM²)

FRONT VIEW
SIDE VIEW
BOTTOM VIEW

(P) ANTENNA SPECIFICATIONS NTS 3

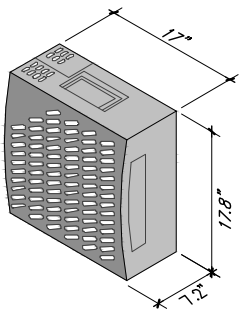
(P) ANTENNA SPECIFICATIONS NTS 4

(P) LTE PURCELL CABINET SPECIFICATIONS NTS 8

(P) SURGE PROTECTOR SPECIFICATIONS NTS 12

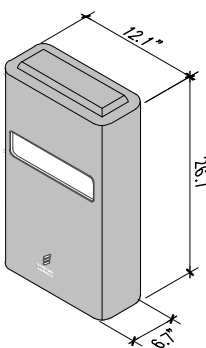
ERICSSON RRUS-11

DIMENSIONS, WxDxH: 431x184x452mm (17"x7.2"x17.8")
POWER CONSUMPTION: 200 WATTS
TOTAL WEIGHT: 55 lbs
TEMPERATURE: -40° TO 55° C



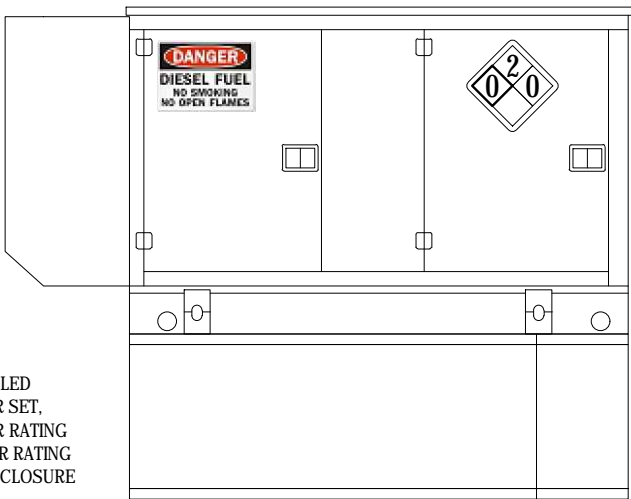
ERICSSON RRUS-32

DIMENSIONS, WxDxH: 12.1"x6.7"x26.7"
WEIGHT 24 Kg/53 lbs
(W/O MOUNTING HARDWARE): CPRI 2 PORTS x 10 Gbps
PORTS: B2, B66, B30
FREQUENCY: 30A, 30A, 20A
BREAKER: 410, 850, 800
OUTPUT POWER (WATTS):



GENERAC SD030

MODEL #SD030 LIQUID COOLED DIESEL ENGINE GENERATOR SET.
27Kw, 60Hz PRIMARY POWER RATING
30Kw, 60Hz STANDBY POWER RATING
WITH LEVEL 2 ACOUSTIC ENCLOSURE
UL 2200 CERTIFIED



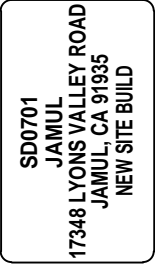
(P) RRU SPECIFICATIONS NTS 5

(P) RRU SPECIFICATIONS NTS 6

(P) SD030 30 KW GENERATOR SPECIFICATIONS NTS 9

NOT USED NTS 13

5	100% ZD REVISED UTILITY DESIGN	01-27-18
4	100% ZD BIO REV.	06-15-17
3	100% ZD	11-14-16
2	DRM REDLINES	10-27-16
1	100% ZD	08-17-16
Rev.	Description	Date:



Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No: D1